

MINUTES

North Dakota State Water Commission

Held at Holiday Inn
Minot, North Dakota

September 1, 1971

The meeting of the North Dakota State Water Commission was called to order at 10:00 a.m. on September 1, 1971, at the Holiday Inn, Minot, North Dakota. In view of the absence of Governor William L. Guy, Chairman of the State Water Commission, Commissioner Gordon Gray was selected to act as Vice Chairman.

Vice Chairman Richard Gallagher, and Commissioners Harold Hanson and Arne Dahl were delayed because of transportation difficulties due to fog conditions.

Commissioners Gordon Gray, James Jungroth, Alvin Kramer and Secretary Milo Hoisveen were present and constituted a quorum.

PRESENT:

Richard Gallagher, Vice Chairman, Mandan
Alvin Kramer, Member from Minot
Harold Hanson, Member from New England
Gordon Gray, Member from Valley City
James Jungroth, Member from Jamestown
Arne Dahl, Commissioner, Department of Agriculture, Bismarck
Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary,
North Dakota State Water Commission, Bismarck

OTHERS PRESENT:

Russell Dushinske, Executive Vice President, North Dakota Water Users Association, Inc., Minot

MINUTES OF JULY 7, 1971
MEETING APPROVED

in Devils Lake, North Dakota, be dispensed with and they be approved as circulated. Commissioner Jungroth seconded and all members voted aye.

It was moved by Commissioner Kramer that the reading of the minutes of the July 7, 1971 meeting held

FINANCIAL STATEMENT FOR
MONTH OF JULY, 1971

The Commission members then read the financial statement for the month of July, 1971, and commented

on the financial statement covering the past biennium. Copies of the financial statement for the biennium were previously circulated to the members.

It was moved by Commissioner Jungroth and seconded by Commissioner Kramer that the financial statements as presented be approved. All members voted aye.

SOURIS-RED-RAINY RIVER
BASINS COMMISSION CITIZENS'
ADVISORY COMMITTEE CHAIRMAN
EXPENSES
(#305)

Considerable discussion took place relative to the payment of expenses for members of the Souris-Red-Rainy River Basins Commission Citizens' Advisory Committee. Concern was expressed that no

expenses should be granted to Committee members for travel outside of the Basin unless the travel was previously approved by the members of the State Water Commission. In the case of an emergency trip, the approval could be granted by polling the Commission members by telephone.

It was moved by Commissioner Jungroth and seconded by Commissioner Kramer that the Commission pay expenses equal to that of state Commission members and \$15 a day per diem. The expenditures for this purpose are limited to non-governmental representatives and shall not exceed \$3,000 during a biennium.

The motion was made subject to the approval of Chairman Guy.

ATTENDANCE AT THE
NATIONAL WATER RESOURCES
ASSOCIATION CONVENTION

It was indicated that the National Water Resources Association Convention will be held in Dallas, Texas, on the dates of November 2, 3 and

4, 1971 and membership of the Commission members at the Convention was highly desirable. It was pointed out that two of the main speakers would be United States Senator Henry M. Jackson and Secretary of the Treasury, John B. Connally, Jr. It was the opinion of those present that the speeches of these two individuals would have far-reaching effects on the national and state water programs of the future.

COTTONWOOD CREEK
(#1515)

Secretary Hoisveen briefly described the Cottonwood Creek Dam, which is being proposed by the City of La-

Moure and the LaMoure County Water Management District. The State Water Commission has developed plans for the structure and it has resulted in much local enthusiasm. The proposed cost breakdown would indicate that the Bureau of Outdoor Recreation would pay \$338,200 toward the construction of the project on a cost sharing

basis. The local legal entities, the State Water Commission, and the State Game and Fish Department would assume the remaining \$338,200. Participation by the State Water Commission would approximate \$105,000, should the Commission desire to participate.

It was moved by Commissioner Jungroth and seconded by Commissioner Kramer that the State Water Commission participate in an amount not to exceed \$105,000. All members voted aye.

SHEYENNE RIVER
DIVERSION PROJECT
(#599)

Secretary Hoisveen explained the project through the use of a black-board diagram. The Commission members showed considerable interest.

At this time, Vice Chairman Gallagher, and Commissioners Hanson and Dahl entered the meeting.

Secretary Hoisveen further indicated that the groundbreaking ceremonies that were scheduled to take place at the site of the combination dam and bridge on the Sheyenne River may be delayed as a result of the serious accident suffered by Mayor Herschel Lashkowitz, who was the principal proponent of the project.

Secretary Hoisveen further indicated that the Cass County Drain Board had invited the Commission to hold a meeting to be held in conjunction with the groundbreaking ceremony at West Fargo. Mr. Duane Breitling, Attorney, who made a personal invitation, stated that a room could be made available at the M & J Steak House for the meeting. It was the opinion of those present that the Commission had never held a meeting in West Fargo and a meeting in that city at this time would be desirable.

UNITED STATES GEOLOGICAL
SURVEY COOPERATIVE
PROGRAM
(#1393, 1394 and 1395)

Secretary Hoisveen reviewed the appropriation allocation for the cooperative program with the United States Geological Survey. He emphasized the value of the topo-

graphic mapping that was taking place in the southwestern part of North Dakota, which previously had been a neglected area as far as topographic mapping was concerned. He listed the following allocation:

United States Topographic Branch	\$100,000
-Maintenance of Surface Water Gaging Stations	40,000
Ground-Water Studies	202,500

He explained that in all cases these funds would be matched by the Federal Government; however, in the case of the state ground-water program upward to \$170,000, additional funds would be obtained from counties and the county water management districts for surveys in their respective counties.

Commissioner Dahl made a motion that the proposed budget for the cooperative program with the United States Geological Survey be approved as presented. Commissioner Kramer seconded and all members voted aye.

**BILLINGS COUNTY WATER
MANAGEMENT DISTRICT
(#1555)**

The report of State Water Commission Special Assistant Attorney General, Cliff Jochim, was read relative to the hearing he held at the request

of the Billings County Board of Commissioners. Attorney Jochim reported that little or no interest prevailed at the hearing. As a consequence, the Commission members, through consensus, agreed that the establishment of the District should be delayed until additional local interest is indicated.

**JAMESTOWN WATER
RELEASE PROBLEM
(#690 and 832)**

Commissioner Jungroth reported that considerable concern has been expressed by many Jamestown citizens, living adjacent to the James River,

and by the Mayor of Jamestown regarding the stagnation that usually occurs in the James River during the summer months. He informed the Commissioners that in the past the State Water Commission staff had drafted a plan of release which had been followed by the U. S. Army Corps of Engineers for a two-year period. Since that time, the upper echelon officials in the Omaha District had been changed and taken an adverse position against making releases from the Jamestown Reservoir to alleviate the stagnant condition. He did mention that following action taken by the Commission staff, releases had been increased up to 25 cubic feet per second which was more than adequate to meet the current demands.

It was moved by Commissioner Jungroth, seconded by Commissioner Dahl and carried that Resolution No. 71-9-304, Releases from Jamestown Reservoir, be adopted by the Commission and forwarded to the interested parties. (See Appendix "A")

**REAFFIRMATION OF SOUTHEAST
CASS COUNTY WATER MANAGEMENT
DISTRICT SEWER IMPROVEMENT
RESOLUTIONS
(#729)**

The need for a sanitary sewer project involving the Southeast Cass County Water Management District was presented for reaffirmation. Resolution No.

71-7-302, Approval of Rural Sewer System to City of West Fargo, and Resolution No. 71-8-303, Approval of Plans and Specifications for Improvements in Southeast Cass Water Management District Sewer Improvement District No. 1, were previously approved by telephone.

It was moved by Commissioner Jungroth and seconded by Commissioner Dahl that the above two resolutions be adopted by the Commission. All members voted aye. (See Appendix "B")

TOLLEY FLATS PROBLEM
(#626)

The Commission considered a resolution forwarded to them by the Minot, North Dakota, Town and Country Sportsman's Club as it pertains to the proposed partial drainage of water from the Tolley Flats. Commissioner Kramer was very familiar with the Club and also with the Tolley Flats problem. He indicated that he and Mr. Ralph Christensen, Chairman of the Ward County Water Management District, would confer with the Club members and fully explain the needs and merits of the project. He was of the opinion that the members, if fully informed, would support the proposed project.

CASS COUNTY DRAIN
NO. 31
(#1083)

It was moved by Commissioner Jungroth and seconded by Commissioner Hanson that the state participate in the construction of Cass County Drain No. 31, with the following limitations:

Reconstruction	\$12,577.80
Drop Structure	5,107.32

All members voted aye and the motion was carried.

KNOX DRAIN
(#1531)

Secretary Hoisveen explained that the Knox Drain which was causing detrimental problems within the limits of that town was highly undesirable. The Commission had previously made an allocation of \$6,000 as its share in the cost of the drain, but the need for the installation of a culvert system under Highway No. 2 had increased the cost by an additional \$1,512.

It was moved by Commissioner Kramer and seconded by Commissioner Jungroth that funds be made available to the Benson County Water Management District in the amount of \$7,512.

WATER PERMITS NOS.
 1767, 1769, 1772, 1773,
 1775, 1776, 1778, 1780,
 1781, 1782, 1783 and
 1784

Secretary Hoisveen presented 12 water permits to the Commission for consideration. It was noted that water permit No. 1769, Texaco, Inc., and No. 1776, Willard Bahr, Almont, had been approved by the State Engineer on August 11, 1971. It was the recommendation of the State Engineer that these 12 water permits be approved as presented.

Commissioner Hanson moved and Commissioner Gallagher seconded that the 12 water permits presented by the State Engineer be approved as presented.

There being no further business to come before the Commission, the Commission adjourned the meeting at approximately 12:00 noon. The Commission then participated in the activities pertaining to the presentation by Secretary of the Department of the Interior, Rogers C. B. Morton.

Milo W. Hoisveen

Milo W. Hoisveen
 Secretary

ATTEST:

William L. Guy
 William L. Guy
 Governor-Chairman

RESOLUTION NO. 71-9-304

APPENDIX "A"

Releases From Jamestown Reservoir

WHEREAS, the United States Army Corps of Engineers and the United States Bureau of Reclamation continues to follow the practice of releasing spring runoff water from the Jamestown Reservoir at an accelerated rate while in mid-summer all releases are frequently stopped; and

WHEREAS, such practice results in no flow in the James River downstream from the reservoir from about mid-July until the next spring's runoff; and

WHEREAS, such lack of flowage results in stagnant pools thus creating a health hazard; and

WHEREAS, the inability of the James River to sustain a continual flow downstream from the reservoir interferes with and upsets the area's environmental balance; and

WHEREAS, the Bureau of Reclamation's water permits allow it to impound up to 230,000 acre-feet of water for multiple beneficial uses; and

WHEREAS, the Bureau has, for more than three successive years, failed to apply all of the water to which its permits entitle it to a beneficial use pursuant to state law; and

WHEREAS, the North Dakota State Water Commission considers a sustained summer-long release of 15 cubic feet per second to be a beneficial use.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission, in a regular meeting this 1st day of September, 1971, that it urges the U. S. Army Corps of Engineers and the United States Bureau of Reclamation to make accelerated releases of spring runoff

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waters from the Jamestown Reservoir down to eight inches over current recreation level and to spread the release of such waters over the entire summer.

BE IT FURTHER RESOLVED that the Secretary of the North Dakota State Water Commission is hereby directed to forward copies of this Resolution to Lt. General Frederick J. Clarke, Chief of Engineers, U. S. Army Corps of Engineers, Washington, D. C.; Honorable Ellis L. Armstrong, Department of the Interior, Bureau of Reclamation, Washington, D. C.; Honorable William D. Ruckelshaus, Administrator, Environmental Protection Agency, Washington, D. C.; North Dakota Senators Milton R. Young and Quentin N. Burdick; and North Dakota Congressmen Mark Andrews and Arthur Link.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

/S/ William L. Guy
William L. Guy
Governor-Chairman

SEAL

ATTEST:

/S/ Milo W. Hoisveen
Milo W. Hoisveen
Secretary

APPENDIX "B"

RESOLUTION 71-7-302

Approval of Rural Sewer System
to City of West Fargo

WHEREAS, the Southeast Cass County Water Management District has presented a certain sanitary sewer project to the North Dakota State Water Commission, Bismarck, North Dakota, which project provides facilities to pump raw sewage from an area of single-family residences situated south of the city of West Fargo to the city of West Fargo sewer collection system, which project will eliminate an existing pollution problem to the Sheyenne River, which improvement and project is in Simpson's Subdivision of a portion of Section 18, Barnes Township, Cass County, North Dakota; and

WHEREAS, approval of the State Department of Health has been received on said project.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission on this 22nd day of July, 1971, that said project be and the same is hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

ATTEST:


 William L. Guy
 Governor-Chairman


 Milo W. Hoisveen
 Secretary

SEAL

STATE OF NORTH DAKOTA)
) SS
 COUNTY OF BURLEIGH)

I, Milo W. Hoisveen, the duly elected, qualified and acting Secretary of the North Dakota State Water Commission, Bismarck, North Dakota, do hereby certify that the foregoing is a full, true and correct copy of the Resolution adopted by the Board of North Dakota State Water Commission on the 22nd day of July, 1971, and that such Resolution is now a part of the permanent records of the North Dakota State Water Commission as such are filed in the office of the Secretary.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the North Dakota State Water Commission this 22nd day of July, 1971.

Milo W. Hoisveen
 Milo W. Hoisveen
 Secretary

SEAL

RESOLUTION 71-8-303

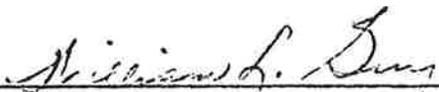
Approval of Plans and Specifications for
Improvements in Southeast Cass Water Management
District Sewer Improvement District No. 1

BE IT RESOLVED by the North Dakota State Water Commission that the plans and specifications for improvements in Sewer Improvement District No. 1 of the Southeast Cass Water Management District, Cass County, North Dakota, heretofore prepared by Clifford Moore, Engineer for the District, be and the same hereby are approved, ratified and confirmed as the plans and specifications in accordance with which said improvements shall be constructed and the Secretary of the Water Management District shall file the same in his office open to public inspection.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission on this 18th day of August, 1971, that the above stated specifications and plans are hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

SEAL



William L. Guy
Governor-Chairman

ATTEST:



Milo W. Hoisveen
Secretary

WATER PERMITS FOR SEPTEMBER 1, 1971 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1769	Texaco, Inc. - Denver, Colorado (McKenzie County)	Ground Water	Industrial	470.0 acre-feet	470.0 acre-feet NOTE: This permit approved by State Engineer on August 11, 1971.
1772	Larson, John W., Jr. - Bismarck (Burleigh County)	Ground Water and the Missouri River	Irrigation	343.0 acre-feet 229.0 acres	343.0 acre-feet 229.0 acres
1767	Killdeer, City of - Killdeer (Dunn County)	Ground Water	Municipal	587.0 acre-feet	365.0 acres
1780	Delbert Carpenter - Sidney, Montana (McKenzie County)	Unnamed Intermit- tent Draw, trib. to Yellowstone River	Irrigation- Waterspreading	347.0 acre-feet 173.5 acres	173.5 acre-feet 173.5 acres
1776	Bahr, Willard - Almont (Grant & Morton)	Intermittent Stream and Big Muddy Creek, trib. to Heart River	Irrigation- Waterspreading & Gravity	37.0 acre-feet 36.5 acres	37.0 acre-feet 36.5 acres NOTE: This permit approved by State Engineer on August 11, 1971.
1781	McGee Brothers - Rhame (Bowman County)	Unnamed Creek, trib. to Little Missouri River	Irrigation- Waterspreading	40.0 acre-feet 24.5 acres	24.5 acre-feet 24.5 acres

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1782	Dew-Dak Ranch Irrigation-Tappen (Kidder County)	Ground Water	Irrigation	1644.0 acre-feet 1096.0 acres	1644.0 acre-feet 1096.0 acres
1773	Maw, Quincy C. - Tappen (Kidder County)	Ground Water	Irrigation	1542.0 acre-feet 1028.0 acres	1542.0 acre-feet 1028.0 acres
1783	Rehovsky, Louis - Oakes (Dickey County)	Ground Water	Irrigation	750.0 acre-feet 375.0 acres	750.0 acre-feet 375.0 acres
1784	Bernhardt, Joseph - Wing (Burleigh County)	Ground Water	Irrigation	285.0 acre-feet 190.0 acres	285.0 acre-feet 190.0 acres
1775	Klever, Kenneth - Grand Rapids (LaMoure County)	James River	Irrigation	630.0 acre-feet 315.0 acres	395.0 acre-feet 315.0 acres
1778	Crane, Franklin S. - San Luis Obispo, California (Traill County)	Ground Water	Irrigation	300.0 acre-feet 351.1 acres	300.0 acre-feet 351.1 acres

NORTH DAKOTA STATE WATER COMMISSION
 FINANCIAL STATEMENT AUGUST 31, 1971
 1971-73 APPROPRIATIONS

C5-1.2

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	AUG. '71	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1001-Salaries Expense (1)	\$ 919,621.00	\$ -	\$37,115.56	\$35,984.05	\$ 882,505.44	\$ -	\$ 882,505.44
2001-Fees & Services	162,625.00	-	7,460.68	7,134.99	155,164.32	-	155,164.32
2051-Data Processing	4,500.00	-	-	-	4,500.00	-	4,500.00
3001-Supplies & Materials	163,600.00	-	6,394.12	6,076.55	157,205.88	-	157,205.88
4001-Equipment	25,000.00	-	184.00	184.00	24,816.00	-	24,816.00
7701-Red Basin Comm.	<u>60,000.00</u>	<u>-</u>	<u>15,149.17</u>	<u>15,149.17</u>	<u>44,850.83</u>	<u>-</u>	<u>44,850.83</u>
TOTAL GENERAL OPERATIONS	\$1,335,346.00	\$ -	\$66,303.53	\$64,528.76	\$1,269,042.47	\$ -	\$1,269,042.47
7721-Mo. River Div.	\$ 100,000.00	\$ -	\$ 2,110.49	\$ 2,110.49	\$ 97,889.51	\$ -	\$ 97,889.51
CONTRACT FUND:							
336-770-Contract "Cash" \$1,000,000							
Contract Collections 900,000	\$1,900,000.00						
Collections to Date		\$ 25,523.16					
Transfer from 001 to 336		100,000.00					
			\$19,890.92	\$19,151.42	\$1,880,109.08	\$ -	\$1,880,109.08
TOTAL CONTRACT FUND	<u>\$1,900,000.00</u>	<u>\$125,523.16</u>	<u>\$19,890.92</u>	<u>\$19,151.42</u>	<u>\$1,880,109.08</u>	<u>\$ -</u>	<u>\$1,880,109.08</u>
GRAND TOTALS	<u>\$3,335,346.00</u>	<u>\$125,523.16</u>	<u>\$88,304.94</u>	<u>\$85,790.67</u>	<u>\$3,247,041.06</u>	<u>\$ -</u>	<u>\$3,247,041.06</u>

(1) Includes \$88,550.00 Federal Grants

NORTH DAKOTA STATE WATER COMMISSION*****FUNCTION SUMMARY FOR MONTH ENDING 07/31/71,

FUNCTION NUMBER AND DESCRIPTION	CURRENT COST	COST TO DATE	PERCENT	BUDGE
00 ADMINISTRATIVE AND LEAGAL	\$ 4,317.91	\$ 4,317.91	3.4 %	\$ 125,346.
00 COMPREHENSIVE PLANNING	\$ 6,709.31	\$ 6,709.31	1.3 %	\$ 500,000.
01 ENGINEER, INVESTIGATION, RESEARCH, SURVEY & DESIGN	\$ 2,553.78	\$ 2,553.78	2.6 %	\$ 100,000.
02 METES & BOUNDS SURVEYS	\$.00	\$.00	.0 %	\$ 10,000.
03 TEST BORINGS AT PROJECT SITES	\$.00	\$.00	.0 %	\$ 10,000.
04 SOIL ANALYSIS	\$.00	\$.00	.0 %	\$ 30,000.
05 HYDROLOGIC STUDIES	\$.00	\$.00	.0 %	\$ 30,000.
06 DESIGN	\$ 3,548.66	\$ 3,548.66	4.2 %	\$ 85,000.
07 RESEARCH	\$.00	\$.00	.0 %	\$ 15,000.
10 REPORT PUBLICATION	\$.00	\$.00	.0 %	\$ 15,000.
11 GROUND WATER SURVEY-PRE PLANNING	\$ 508.20	\$ 508.20	1.9 %	\$ 27,000.
12 GROUND WATER SURVEY-WATER RECORD	\$.00	\$.00	.0 %	\$ 5,000.
13 GROUND WATER SURVEY-GEOLOGICAL STUDIES	\$.00	\$.00	.0 %	\$ 3,000.
14 GROUND WATER SURVEY-SUBSURFACE EXPLORATION	\$ 16,860.22	\$ 16,860.22	6.7 %	\$ 250,000.
15 GROUND WATER SURVEY-QUALITY OF WATER WORK	\$ 5,214.00	\$ 5,214.00	10.4 %	\$ 50,000.
16 GROUND WATER SURVEY-AQUIFER TEST & SPECIAL INV	\$ 7,096.17	\$ 7,096.17	7.1 %	\$ 100,000.
17 GROUND WATER SURVEY-DATA COMPILATION & ANALYSIS	\$.00	\$.00	.0 %	\$ 10,000.
18 GROUND WATER SURVEY-RPT PREP & REVIEW	\$ 342.10	\$ 342.10	2.3 %	\$ 15,000.
19 GROUND WATER SURVEY-SPECIAL INVESTIGATIONS	\$ 4,909.21	\$ 4,909.21	4.9 %	\$ 100,000.
20 COOPERATIVE SURVEYS-GRND WATER, SUR WATER & TOPOG.	\$.00	\$.00	.0 %	\$ 375,000.
301 CONSTRUCTION-DAMS & RELATED APPURTENANCES	\$ 3,398.62	\$ 3,398.62	.4 %	\$ 900,000.
302 CONSTRUCTION-RECREATION FACILITIES	\$ 1,183.35	\$ 1,183.35	1.1 %	\$ 110,000.
303 CONSTRUCTION-IRRIGATION FACILITIES	\$.00	\$.00	.0 %	\$ 10,000.
304 CONSTRUCTION-FLOOD CONTROL	\$ 319.41	\$ 319.41	.3 %	\$ 100,000.
305 CONSTRUCTION-PILOT WELLS	\$.00	\$.00	.0 %	\$ 10,000.
501 OP & MAINT-DAMS & RELATED APPURTENANCES	\$ 2,520.73	\$ 2,520.73	1.1 %	\$ 225,000.
502 OP & MAINT-RECREATION FACILITIES	\$.00	\$.00	.0 %	\$ 5,000.
503 OP & MAINT-IRRIGATION FACILITIES	\$.00	\$.00	.0 %	\$ 5,000.
504 OP & MAINT-FLOOD CONTROL	\$ 3,521.12	\$ 3,521.12	3.1 %	\$ 115,000.
TOTALS	\$ 63,002.79	\$ 63,002.79*	1.9 %	\$3,335,346.

*Not
MWH
of the
Common
WE*

not

** includes 21,406.13 prior expenditures made in July - pd from 69-71 appropriation*

NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON
1971-1973 BIENNIUMSeptember 17, 1971
SWC File C5-1.4

OBJ. CODE	OBJECT DESCRIPTION	Aug. 1971 EXPEND.	July 1, '71 Aug. 31, '71 EXPEND.	Sal. Std. .04 % BUDGET	EXP. % OF BUDGET (STD. 8) **
1000	Salaries	\$33,311.80	\$33,311.80	\$840,121.00	.04
1820	OASIS	101.82	101.82	4,400.00	.02
1830	Social Security	1,155.03	1,155.03	34,000.00	.03
1840	Hospital Insurance	285.00	285.00	7,500.00	.04
1850	Workmen's Compensation	-	1,131.51	3,600.00	31.4
1880	State Retirement	1,130.40	1,130.40	30,000.00	.04
	TOTAL SALARIES AND WAGES	\$35,984.05	\$37,115.56	\$919,621.00 (1)	.04
2110	Meals & Lodging	3,314.95	3,316.95	77,325.00	.04
2120	Personal Vehicle Mileage	373.50	396.54	8,000.00	.05
2130	Comm. Transportation	695.31	695.31	12,000.00	.06
2150	Misc. Travel	171.37	171.37	3,000.00	.06
2210	Water-Garbage	7.85	15.35	300.00	.05
2220	Natural Gas	13.96	13.96	1,000.00	.01
2230	Electricity	12.06	12.06	900.00	.01
2310	Rental - Equipment	66.59	66.59	3,000.00	.02
2410	Postage	10.00	10.00	4,000.00	.002
2420	Telephone	540.40	540.40	5,000.00	.11
2510	Repair Equipment	327.91	370.71	12,000.00	.07
2613	Maintenance Contracts	468.18	669.18	4,000.00	.17
2616	Repair Buildings & Grounds	-	-	1,000.00	-
2612	Legal Fees	-	-	1,000.00	-
2613	Audit Fees	-	-	500.00	-
2614	Engineering Fees	-	-	2,500.00	-
2650	Consulting Fees	-	-	1,500.00	-
2682	Photographer Fees	428.06	477.41	6,000.00	.08
2699	Misc. Professional Fees	-	-	12,000.00	-
2720	Property Insurance	-	-	700.00	-
2730	Liability Insurance	-	-	900.00	-
2911	Radio-Newspaper Fees	10.72	10.72	300.00	.04
2912	Rewards-Premiums	-	-	500.00	-
2914	License & Taxes	-	-	700.00	-
2915	Dues	-	-	2,000.00	-
2916	Freight	111.54	111.54	1,500.00	.008
2999	Miscellaneous	294.80	294.80	1,000.00	.29
	TOTAL FEES AND SERVICES	\$ 7,134.99	\$ 7,460.68	\$162,625.00	.05
2618	Data Processing	123.32	123.32	4,500.00	.03
	TOTAL DATA PROCESSING	\$ 123.32	\$ 123.32	\$ 4,500.00	.03
3100	Office Supplies	632.89	646.81	19,000.00	.03
3110	Data Processing Supplies	-	-	200.00	-
3120	Printing	199.20	199.20	20,000.00	.010
3130	Books, Maps, Subscriptions	126.40	130.40	5,000.00	.03

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J. CODE	OBJECT DESCRIPTION	Aug. 1971 EXPEND.	July 1, '71 Aug. 31, '71 EXPEND.	Sal. Std. .04 % BUDGET	EXP % OF BUDGET (STD. 8) **
3132	Films	\$ 407.13	\$ 419.11	\$ 3,400.00	.12
3600	Hardware & Bldg. Supplies	1,471.56	1,652.45	50,000.00	.03
3700	Petroleum Supplies	1,390.86	1,390.86	35,000.00	.04
3800	Equipment Repair Parts	1,848.51	1,955.32	29,000.00	.07
3959	Miscellaneous	-	-	2,000.00	-
	TOTAL SUPPLIES & MATERIALS	\$ 6,076.55	\$ 6,394.12	\$163,600.00	.04
4100	Office Equipment	-	-	1,500.00	-
4300	Motor Vehicles	-	-	23,000.00	-
4400	Machines & Equipment	184.00	184.00	500.00	.37
	TOTAL EQUIPMENT	\$ 184.00	\$ 184.00	\$ 25,000.00	.007
7701	Basins Commission	15,149.17	15,149.17	60,000.00	.25
7721	Missouri River Diversion	2,110.49	2,110.49	100,000.00	.02
	TOTAL GENERAL OPER. APPROP.	\$66,303.53	\$68,078.30	\$1,435,346.00	.05
5500	Contract Payments	19,151.42	19,890.92	1,900,000.00 (2)	.01
	TOTAL STATE WATER COMM. BUDGET	\$85,790.67	\$88,304.94	\$3,335,346.00	.03

) Appropriation \$831,071.00
 Federal Grant 88,550.00
\$919,621.00

(2) Appropriation \$1,000,000.00
 Est. Contract
 Fund Collection 900,000.00
\$1,900,000.00

** 2/24 months = 8 percent biennium elapsed

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NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - JULY 1971

<u>NAME</u>	<u>POSITION</u>	<u>REMARKS</u>	<u>GROSS</u>
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '71	\$ 1,825.00
BAESLER, GORDON	WATER RIGHTS TECHNICIAN	INC. JULY '71	810.00
BALLIET, ALLEN	RODMAN	INC. JULY '71	535.00
CHRISTENSEN, RAYMOND	ENGR. TECHNICIAN	INC. JULY '71	820.00
DALLY, ANTOINETTE	STENOGRAPHER	INC. JULY '71	400.00
EMERSON, MATT	ASSISTANT SECRETARY	INC. JULY '71	1,145.00
FROELICH, LARRY	GEOLOGIST	INC. JULY '71	965.00
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	15.00
GEHRING, OSCAR	LAB TECHNICIAN	INC. JULY '71	625.00
GRAY, GORDON	COMMISSIONER	STA. SEPT. '70	30.00
GRINDBERG, ALAN	ASST. CHIEF ENGINEER	INC. JULY '71	1,550.00
GRUNSETH, ARLAND	INVESTIGATIONS ENGINEER	INC. JULY '71	1,090.00
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	15.00
HANSON, WILLIAM	DRAFTSMAN	INC. JULY '71	525.00
HEUPEL, MILTON	CONSTRUCTION ENGINEER	INC. JULY '71	1,175.00
HUCHLER, EVA	STENOGRAPHER	STA. JULY '71	301.00
JACOBSON, HUGH	ASSISTANT DRILLER	INC. JULY '71	565.00
JOCHIM, CLIFFORD	ATTORNEY	INC. JULY '71	1,285.00
KEATOR, LESTER	SOILS TECHNICIAN	STA. APRIL '70	500.00
KNOLL, JAMES	OPERATOR	INC. JULY '71	590.00
KNUTSON, LEWIS	DRILLER	INC. JULY '71	745.00
KOCH, KAY	ACCOUNTANT	INC. JULY '71	600.00
KOTTSICK, ROSALIE	STENOGRAPHER	INC. JULY '71	355.00
KRAMER, ALVIN	COMMISSIONER	STA. APRIL '70	15.00
LINDVIG, MILTON	GROUND-WATER ENGINEER	INC. JULY '71	1,200.00
LOCKEN, SHARON	CHIEF STENOGRAPHER	INC. JULY '71	615.00
MEES, LADARANA	FIELD ENGINEER	INC. JULY '71	840.00
MELVIN, RICHARD	FIELD TECHNICIAN	STA. JUNE '71	400.00
MURI, GARVIN	CHEMIST	INC. JULY '71	890.00
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '71	915.00
NELSON, C. P.	DRAINAGE ENGINEER	INC. JULY '71	1,140.00
O'BRIEN, GEORGE	DRAFTSMAN	INC. JULY '71	70.00
OHNSTAD, DONALD	PLANNING ENGINEER	INC. JULY '71	1,060.00
PUTZ, ROY	OFFICE ASSISTANT	INC. JULY '71	500.00
QUANRUD, JOHN	LAB TECHNICIAN	STA. OCT. '70	10.80
SACKMAN, EUGENE	SURVEYOR	INC. JULY '71	750.00
SCHMID, ROGER	GROUND-WATER HYDROLOGIST	INC. JULY '71	1,070.00
SCHULZ, DELTON	OFFICE ENGINEER	INC. JULY '71	1,290.00
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '71	745.00
SIEMS, MYRNA	STENORGAPHER	INC. JULY '71	340.00
SPEAKS, GLENN	OPERATOR	INC. JULY '71	610.00
SWANSON, RONALD	PROJECT ENGINEER	INC. JULY '71	1,050.00
THOMAS, NELDA	DIR. OF INFORMATION	STA. APR. '71	800.00
TILLOTSON, ANN	RESEARCH ASSISTANT	INC. JULY '71	475.00
ULRICH, ROGER	RODMAN	INC. JULY '71	490.00
WALTERSON, HOWARD	CONSTRUCTION SUPT.	INC. JULY '71	770.00
WELCH, CYNTHIA	OJT STENO	STA. SEPT. '70	300.00
WERNER, ROBERT	DRAFTSMAN	INC. JULY '71	500.00
SWC GROUP INS. - 38			285.00
SWC RET-MATCHING			1,130.40
OASIS			101.82
SOCIAL SECURITY			1,155.03
			<u>\$35,984.05</u>

Pd. in August